

Please type a plus sign (+) inside this box → +

PTO/SB/08a (08-03)

Approved for use through 07/31/2008. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	Unknown
		Filing Date	Herewith
		First Named Inventor	Simpson
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0081.C1
Sheet	1 of 3	Submission Date	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AM	A1	761,518	05/31/1904	Lykken	
	A2	1,324,303	12/09/1919	Carmichael	
	A3	1,545,039	07/07/1925	Deavers	
	A4	1,561,418	11/10/1925	Duda	
	A5	1,569,729	01/12/1926	Duda	
	A6	1,597,212	08/24/1926	Spengler	
	A7	1,930,825	10/17/1933	Raymond	
	A8	2,383,214	08/21/1945	Prout	
	A9	2,499,630	03/07/1950	Clark	
	A10	2,627,891	02/10/1953	Clark	
	A11	2,663,073	12/22/1953	Bleber et al.	
	A12	2,898,971	08/11/1959	Hempel	
	A13	3,087,546	04/30/1963	Woolley	
	A14	3,195,646	07/20/1965	Brown	
	A15	3,467,180	09/16/1969	Pensotti	
	A16	3,818,734	06/25/1974	Bateman	
	A17	3,911,707	10/14/1975	Minakov et al.	
~	A18	4,069,573	01/24/1978	Rogers et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
W R	B1	0 961 007 A2	01/12/1999	Europe		
	B2	1 006 260 A2	07/06/2000	Europe		
	B3	2 320 734 A	01/07/1998	Great Britain		
	B4	2,335,217 A	15/09/1999	Great Britain		
W R	B5	63-207427	26/08/1988	Japan		

Examiner <i>William A. Ke...</i>	Date Considered <i>9/1/04</i>
----------------------------------	-------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 3

Application Number	Unknown
Filing Date	Herewith
First Named Inventor	Simpson
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	WEAT/0081.C1
Submission Date	

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>AS</i>	A19	4,127,168	11/28/1978	Hanson et al.	
	A20	4,159,564	07/03/1979	Cooper, Jr.	
	A21	4,288,082	09/08/1981	Setterberg	
	A22	4,324,407	04/13/1982	Upham et al.	
	A23	4,429,620	02/07/1984	Burkhardt et al.	
	A24	4,531,581	07/30/1985	Pringle et al.	
	A25	4,588,030	05/13/1986	Blizzard	
	A26	4,697,640	10/06/1987	Szarka	
	A27	4,848,469	07/18/1989	Baugh et al.	
	A28	5,271,472	12/21/1993	Leturno	
	A29	5,409,059	04/25/1995	McHardy	
	A30	5,435,400	07/25/1995	Smith	
	A31	5,427,057	12/05/1995	Winfree	
	A32	5,560,426	10/01/1996	Trahan et al.	
	A33	5,685,369	11/11/1997	Ellis et al.	
	A34	5,887,655	03/30/1999	Haugen et al.	
	A35	5,957,225	09/28/1999	Sinor	
<i>AS</i>	A36	5,901,787	05/11/1999	Boyle	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
<i>AS</i>	B6	93/24728	09/12/1993	WIPO		
<i>AS</i>	B7	98/09053	05/03/1998	WIPO		
<i>AS</i>	B8	99/18328	15/04/1999	WIPO		
<i>AS</i>	B9	99/50528	07/10/1999	WIPO		
<i>AS</i>	B10	99/23354	14/05/1999	WIPO		

Examiner *with*

Date Considered

*9/1/04*

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Please type a plus sign (+) inside this box → +

PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	Unknown
		Filing Date	Herewith
		First Named Inventor	Simpson
		Group Art Unit	Unknown
		Examiner Name	Unknown
		Attorney Docket Number	WEAT/0081.C1
Sheet	3 of 3	Submission Date	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
~ ~	A37	6,070,671	06/06/2000	Cumming et al.	
	A38	6,021,850	02/08/2000	Wood et al.	
	A39	6,098,717	08/08/2000	Bailey et al.	
	A40	6,318,457	11/20/2001	Den Boer et al.	
	A41	6,325,148	12/04/2001	Trahan et al.	
	A42	6,401,815	06/11/2002	Surjaatmadja et al.	
	A43	6,425,444	07/30/2002	Metcalfe et al.	
	A44	6,446,323	09/10/2002	Metcalfe et al.	
	A45	6,457,532	10/01/2002	Simpson	
	A46	6,527,049	10/10/2002	Metcalfe et al.	
	A47	6,543,552	04/08/2003	Metcalfe et al.	
	A48	2001/0040054	11/15/2001	Haugen et al.	
~ ~	A49	2002/0166668	11/14/2002	Metcalfe et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
~ ~	C1	PCT International Search Report for PCT/GB 01/01966.	
~ ~	C2	Detlef Hahn (SPE) et al., <i>Simultaneous Drill And Case Technology - Case Histories, Status and Options for Further Development</i> , IADC/SPE 59126, pps. 1-9.	

Examiner

*[Signature]*

Date Considered

9/1/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.